

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 2    | ("6166455").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/09/14 10:22 |
| S2    | 103  | ("3294981"   "3539902"   "3603809"<br>  "3660753"   "3742330"  <br>"3832643"   "3883756"   "4035710"<br>  "4177389"   "4293904"  <br>"4311954"   "4356403"   "4392103"<br>  "4407588"   "4422138"  <br>"4437146"   "4454558"   "4456872"<br>  "4529927"   "4618779"  <br>"4628438"   "4651231"   "4661896"<br>  "4672303"   "4672518"  <br>"4674020"   "4677366"   "4685043"<br>  "4691159"   "4695935"  <br>"4717833"   "4731574"   "4736151"<br>  "4761725"   "4837495"  <br>"4841220"   "4845420"   "4866295"<br>  "4886952"   "4920309"  <br>"4929882"   "4940929"   "4941080"<br>  "4947309"   "4950974"  <br>"4975823"   "5028861"   "5034873"<br>  "5070439"   "5132606"  <br>"5138249"   "5146399"   "5157269"<br>  "5161097"   "5272613"  <br>"5278490"   "5287261"   "5349284"<br>  "5359281"   "5397976"  <br>"5412308"   "5414341"   "5434767"<br>  "5436550"   "5440473"  <br>"5450000"   "5457621"   "5457622"<br>  "5461302"   "5477132"  <br>"5479089"   "5481178"   "5485361"<br>  "5491445"   "5502370"  <br>"5532577"   "5552695"   "5565761"<br>  "5568041"   "5570276"  <br>"5592071"   "5592128"   "5610502"<br>  "5617306"   "5627460"  <br>"5663874"   "5691592"   "5691889"<br>  "5747977"   "5771164"  <br>"5847548"   "5861734").PN. OR<br>("6166455").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2007/03/06 13:28 |
| S3    | 5694 | parallel same converter and master  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/09/14 10:52 |
| S4    | 4385 | S3 and power  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/09/14 10:52 |

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|     |        |  |   |    |     |                  |
|-----|--------|--|---|----|-----|------------------|
| S5  | 580    | parallel with converter same master  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/09/14 11:27 |
| S6  | 7      | S5 and plasma  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/09/14 10:52 |
| S7  | 1098   | parallel with converter and master same slave  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/09/14 11:45 |
| S8  | 637    | parallel with (rectifier inverter) and master same slave   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/09/14 11:45 |
| S9  | 23     | ("3943429"   "3979662"   "4052658"   "4149233"   "4405976"   "4529925"   "4677535"   "4748340"   "4764859"   "4802079"   "4882120"   "4947310"   "5036452").PN. OR ("5193054").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/09/14 13:52 |
| S10 | 739    | load near3 shar\$3 and (converter inverter rectifier) and master   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/09/14 13:53 |
| S11 | 50     | plasma adj plant   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/14 15:21 |
| S12 | 101009 | Plasma with process  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/14 15:21 |
| S13 | 18     | 307/11-42.ccls. and plasma   | USPAT   | OR | ON  | 2006/09/14 15:22 |
| S15 | 1001   | (inverter converter) same (parallel (load near2 sharing)) and (master with slave) same (controller processor (control near2 unit))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/14 17:31 |
| S16 | 422    | (master with slave) same computer and ((multiple plural parallel) same ((uninterrupt\$4 adj power) converter inverter))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/14 17:31 |

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|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S17 | 30  | "307"/\$.ccls. and master same computer and ((multiple plural parallel) same ((uninterrupt\$4 adj power) converter inverter))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/14 17:32 |
| S18 | 22  | ("4899129"   "4996637"   "5031086"   "5225712"   "5373433"   "5515264"   "5523938"   "5563802"   "5616968"   "5734255"   "5754033"   "5765656"   "5798633"   "5892664"   "6005788"   "6115276"   "6118680").PN. OR ("6362540").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/09/14 17:56 |
| S19 | 9   | ((monitor measure) with output near2 power) same current with voltage with convert\$3 with resistor  | USPAT   | OR | ON  | 2006/09/15 11:38 |
| S20 | 174 | ((monitor\$3 measur\$3) with power) same current with voltage with convert\$3 with resistor not S19  | USPAT   | OR | ON  | 2006/09/15 11:42 |
| S21 | 6   | S20 and "307"/\$.ccls.   | USPAT   | OR | ON  | 2006/09/15 11:42 |
| S22 | 0   | interlock with (supply adj cabinet) same power same converter  | USPAT   | OR | ON  | 2006/09/15 14:18 |
| S23 | 0   | interlock same (supply adj cabinet) same power same converter  | USPAT   | OR | ON  | 2006/09/15 14:18 |
| S24 | 4   | interlock same (supply adj cabinet)  | USPAT   | OR | ON  | 2006/09/15 14:20 |
| S25 | 149 | interlock same power same converter  | USPAT   | OR | ON  | 2006/09/15 14:31 |
| S26 | 1   | (shut adj3 off adj2 power with (door near4 open\$3)) same power same computer  | USPAT   | OR | ON  | 2006/09/15 14:32 |
| S27 | 23  | (US-20040208029-\$ or US-20040165324-\$ or US-20040075600-\$ or US-20020145896-\$ or US-20030040897-\$ or US-20030111909-\$ or US-20030112647-\$).did. or (US-6396170-\$ or US-6166455-\$ or US-6522030-\$ or US-6356471-\$ or US-5193054-\$ or US-6362540-\$ or US-7002263-\$ or US-6906501-\$ or US-6862200-\$ or US-6738268-\$ or US-6737763-\$ or US-6661119-\$ or US-6281602-\$ or US-6278200-\$ or US-6778921-\$ or US-5532935-\$). did. | US-PGPUB;<br>USPAT  | OR | OFF | 2006/09/15 14:34 |
| S28 | 0   | S27 and inter adj lock   | US-PGPUB;<br>USPAT  | OR | ON  | 2006/09/15 14:34 |

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|     |      |   |                              |    |     |                  |
|-----|------|---|------------------------------|----|-----|------------------|
| S29 | 1    | S27 and interlock   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/09/15 14:34 |
| S30 | 112  | 307/43-87.ccls. and interlock   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/09/15 14:35 |
| S31 | 6    | S30 and backplane   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/09/15 15:10 |
| S32 | 19   | S27 and phase   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/09/15 15:28 |
| S33 | 21   | three near2 phase near2 converter<br>and cabinet  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/09/15 15:41 |
| S34 | 0    | three adj pahse with input same<br>(converter inverter)   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/09/15 15:42 |
| S35 | 2218 | three adj phase with input same<br>(converter inverter)   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/09/15 16:09 |
| S36 | 204  | three adj phase with input same<br>(converter inverter) with (multiple<br>parallel)                       | US-PGPUB;<br>USPAT           | OR | ON  | 2006/09/15 16:10 |
| S37 | 32   | ("3229164"   "3261980"   "4386394"<br>  "4508996").PN. OR ("5073848").<br>URPN.                           | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/09/15 16:19 |
| S38 | 136  | three adj phase same single adj<br>phase same computer  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/09/15 16:21 |
| S39 | 0    | three adj phase same (use near2<br>only) with (single one) adj phase<br>same computer                     | USPAT                        | OR | ON  | 2006/09/15 16:21 |
| S40 | 0    | three adj phase same (use near2<br>only) with (single one) with phase<br>same computer                    | USPAT                        | OR | ON  | 2006/09/15 16:21 |
| S41 | 0    | three adj phase same (use near2<br>only) with (single one) with phase<br>and computer                     | USPAT                        | OR | ON  | 2006/09/15 16:21 |
| S42 | 7    | three adj phase same (use near2<br>only) with (single one) with phase                                     | USPAT                        | OR | ON  | 2006/09/15 16:22 |
| S43 | 14   | three adj phase and (use near2<br>only) with (single one) with phase                                      | USPAT                        | OR | ON  | 2006/09/15 16:22 |
| S44 | 7    | S43 not S42   | USPAT                        | OR | ON  | 2006/09/15 16:24 |
| S45 | 2134 | computer same (one single) with<br>phase and (plural multiple three)<br>with phase                        | USPAT                        | OR | ON  | 2006/09/15 16:25 |
| S46 | 329  | computer same (one single) with<br>phase and (plural multiple three)<br>with phase and utility            | USPAT                        | OR | ON  | 2006/09/15 16:25 |
| S47 | 116  | computer same (one single) with<br>phase and (plural multiple three)<br>with phase and utility same power | USPAT                        | OR | ON  | 2006/09/15 16:27 |

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|     |       |  |  |    |    |                  |
|-----|-------|--|--|----|----|------------------|
| S48 | 41    | computer same (one single) with phase and (plural multiple three) with phase same utility same power | USPAT  | OR | ON | 2006/09/15 16:50 |
| S49 | 48451 | insulative   | USPAT  | OR | ON | 2006/09/15 17:22 |
| S51 | 0     | insulative adj distribution adj element  | USPAT  | OR | ON | 2006/09/15 16:51 |
| S52 | 1     | insulative adj distribution adj element  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/15 16:51 |
| S53 | 230   | 363/69.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/15 17:24 |
| S54 | 130   | 307//45.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/15 17:24 |
| S56 | 364   | 307/18.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/15 17:26 |
| S57 | 166   | 307/58.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/15 17:26 |
| S58 | 130   | 307/19.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/15 17:27 |

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|     |      |  |  |    |    |                  |
|-----|------|--|--|----|----|------------------|
| S59 | 318  | 307/32.ccls.                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/15 17:27 |
| S60 | 4963 | plasma and power same converter          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/03/05 10:01 |
| S61 | 1207 | S60 and bus                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/03/05 10:00 |
| S62 | 701  | S60 and bus same power                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/03/05 10:02 |
| S63 | 1757 | plasma same gas and power same converter | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/03/05 10:02 |
| S64 | 193  | S63 and bus same power                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/03/05 16:40 |
| S65 | 6124 | "313"/\$.ccls. and plasma same gas       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/03/05 16:42 |
| S66 | 62   | S65 and converter same power             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/03/05 16:40 |

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|     |        |  |   |    |     |                  |
|-----|--------|--|---|----|-----|------------------|
| S67 | 125433 | plasma with gas  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/05 16:58 |
| S68 | 415    | S67 and (Redundant parallel\$3)<br>same converter  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/05 17:07 |
| S69 | 58274  | plasma with gas with (discharge\$3<br>etch\$3 deposition)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/05 17:23 |
| S70 | 26     | S69 and "307"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/05 16:59 |
| S71 | 179    | S69 and (Redundant parallel\$3)<br>same converter  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/05 18:28 |
| S72 | 0      | ("2004/0165324").URPN.   | USPAT   | OR | OFF | 2007/03/05 17:08 |
| S73 | 94     | S69 and AC same DC same<br>converter   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/05 17:23 |
| S74 | 741    | plasma and (Redundant parallel\$3)<br>with converter not (S68 S70 S71<br>S73)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/05 18:30 |
| S75 | 149    | plasma and (etching deposition) and<br>(Redundant parallel\$3) with<br>converter not (S68 S70 S71 S73) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/05 18:37 |

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|     |     |   |                              |    |    |                  |
|-----|-----|---|------------------------------|----|----|------------------|
| S77 | 306 | ((high adj voltage) same bus)(busbar)) and plasma and converter                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/06 14:11 |
| S78 | 445 | ((high adj voltage) same bus)(busbar)) and (parallel\$3 redundant) with converter | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/06 14:43 |
| S79 | 141 | 363/67.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/06 14:43 |